

Attorney's Docket No.: 07402-064001

REMARKS

Reconsideration and allowance of the above referenced application are respectfully requested.

The objections to informalities in Claims 17, 19, 22 and 46 have been obviated herein by amendment.

Claims 1-6, 8-12, 14, 15, 17-19, 24, 25, 37-41 and 43-47 stand rejected under 35 USC §102 as allegedly being anticipated by Such et al.

Initially, applicants would like to apologize for the previous mischaracterization of Such et al. In retrospect, applicants realize that Such et al. also uses a light reflecting lacquer as described in paragraph 18.

The claims are amended herein in order to obviate this rejection. Specifically, Claim 1 is amended to recite that an array of scintillator material is mated to a preformed reflector which also includes an array of reflector elements. This is different than Such et al. who teaches individually inserting the elements of scintillator material 23 into the preformed array. For example, figure 2 shows separated elements of scintillator material. Such et al. does not teach or suggest the claimed bridge "holding together the plural separated pixels in a specified geometry". Therefore, it may be expected that the assembly in the Such et al. system would be relatively more complicated than the assembly of Claim 1.

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Claim 1 should hence be allowable for these reasons, along with the claims that depend therefrom.

The dependent claims should be allowable on their own merits. In addition, however, dependent Claims 48-54 are added; with Claims 48 and 49 defining characteristics of the array. There is no such array in Such et al. Claim 50 defines a specific shape of the scintillator material which is nowhere taught or suggested by Such et al. Finally, Claim 51 defines that the side walls are completely solid. This is entirely different than the teaching in Such et al. which teaches a mesh side wall.

Claims 9 and 10 should be allowable on their own merits. These claims define an air gap between a wall of the reflector and a protrusion forming a spacer. The spaced apart wire elements in Such et al. clearly do form air gaps between the elements, but do not teach or suggest forming an air gap between a wall of the reflector and the surface of the scintillator material as claimed. Hence, these claims should be allowable for these additional reasons.

Claim 37 has been amended in analogous ways to those of Claim 1, and should be allowable for similar reasons to those discussed above with respect to Claim 1.

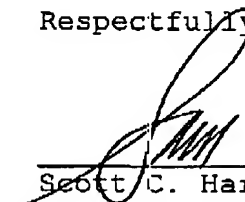
It is believed that all of the pending claims have been addressed in this paper. However, failure to address a specific

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rejection, issue or comment, does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above are not intended to be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not necessarily signify concession of unpatentability of the claim prior to its amendment.

Applicants ask that all claims be allowed. Please apply the extra claim fee in the amount of \$75, and any other applicable charges or credits, to Deposit Account No. 06-1050.

Respectfully submitted,

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